

Analysis Role Subsector Agriculture and Sector Advantage to Economic Area Development of Province West Java: Approach Analysis IRIO

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Abstract- The development of agricultural sector is one of key strategies in raising up the future economic growth. The role of agricultural business sector in Indonesia economic has not been optimum, and the opportunity in developing an agricultural industry as agricultural subsystem has a potency as economic growth driver, because it has a wider market opportunity and big added value. The aim of this Research is: determining which potential and competitive subsector to develop in West Java Province; analyzing which sector that can give big multiplier effect; and measuring how big the contribution rate of agricultural sector in regional development economic and what can be done by local governments to develop their regions.

Based on shift-share analysis, the main contribution to West Java Province is mining and excavation; building and service, agricultural that contributes most on shift-share analysis is plantation trees; animal husbandry; and results, forestry and fishery. With the Location Quotient (LQ) approach, has competitiveness in manufacturing industry; electricity, gas and fresh water; and trade, hotel and restaurant. West Java Province has a competitiveness in manufacture industrial; building; and trade, hotel and restaurant to national and implication to the backward and forward. Research by using IRIO approach, it has a competitiveness in food industry; beverage and tobacco; paper and printed matters industry; electricity, gas and fresh water; building; air transportation; textile industry, leather goods and footwear industry, cement industry; goods and metal industry; hotel and restaurant industry and other industry.

Keywords- Interregional Input-Output, implication sector and subsector, competitive sector, shift-share, multiplier effect, margin contribution.

I. INTRODUCTION

The role of agricultural sector beside as source producer of big foreign exchange, also represent source of life for most Indonesia resident, and when seen from amount one who work, hence agricultural sector at most permeating labour which is generally labour is not educated, do not own skilled and generalization of earnings which do not flatten. For this condition so that bargaining power owned by all our farmer is very weak, so that assess to sell from product also very have an effect on to this condition.

Agroindustri as subsystem of agriculture have potency as impeller growth of economic area, because owning opportunity of broader market and added value (value added) what big. Beside that development of agroindustri can become "entrance" (enter point) process transformasi of economic structure from agriculture to industry. Agricultural activity yield very strategic product for accomplishment of fundamental requirement of people of like food, clothes and housing. accomplishment of Requirement of like food if relying on from other state or import of course will very risk, because can generate complicated problem and the costly expense later on day (Habibie, Nono And Wardani, 1995).

II. BASIC THEORY

Area development (regional development) conventionally more tend to to orient [at] economic growth, with elementary assumption that process of development take place in a balance of matrix of location consisted of some growth center (growth bast) and area of prop or hinterland (Tjokrowinoto; 1995).

Concept of Area as an approach of new policy in development of area have wide progressively used in various good state of developed countries and also developing countries, is especially related to by the readiness of an area improve its competitiveness in face of kawasanisasi and globalization. Area by significant able to increase the economic ability of area to develop properties socialize.

Area also able to act as impeller innovate, whereabouts existence of elements in area needed to alter idea become properties. (Direktorat Pengembangan Kawasan Khusus dan Tertinggal, Bappenas, 2004).

Concept, principal, and the policy instrument in model of at economic planning of area is polar concept of growth, what is initially formulated by Perroux (1955) with growth stimulated by a combination from inter-industrial Pre-Eminent area represent area specified [by] as area economics activator (prime mover) owning criterion as a fast grower area, having sector and own related ambiently (hinterland) (Royat, 1996). Stipulating of an area become pre-eminent area because expected can improve growth of an area. There is three factor influencing economic growth, that is capital accumulation, technological progress and resident growth (Todaro, 2000). pre-eminent commodity Area development do not get out of area agropolitan development. An area agropolitan walk and expand to have marking

- a. mostly socialize in the area obtain earnings from agricultural activity
- b. activity in the area most domination by agricultural activity, inclusive of in it the effort industry (processing) agriculture, agriculture pickings commerce, upstream agriculture commerce, agrowisata service and; and
- c. relation of among area hinterland and town in area agropolitan have the character of harmonious interdependensi, and each other require;

III. EXPERIMENTAL RESULTS

Study of Stipulating of Area which have been conducted and used by some good expert from within and also abroad is: growth of Domestic Earnings of Regional Bruto (Tipologi Klassen); sub of pre-eminent sector; area specialization (Sukkoo Kim); excellence of area comparability; market compartment; mount growth (Tipologi Klassen); commerce productivity (S. Chand); area development; industrial structure; contribution of margin to PDB and sector; and the competitiveness.

Classification Area of pre-eminent medium is which got and become base in stipulating of this pre-eminent area conducted by some writer in the field of is: excellence of comparability and competitive of area or area; area specialization; area quickly go forward (Syafrizal And Kuncoro); area go forward depressed (Syafrizal And Kuncoro); area expand (Syafrizal And Kuncoro); area left behind (Syafrizal And Kuncoro); isolator area; and the pre-eminent area and non exeeding (Soepono, Hoover).

Policy taken by government province of West Java in line with central government policy. And so do for the area which is under agricultural sector also the is same as national policy. However better West Java Province condition in agricultural sector area, because from six subsector agriculture, other subsector food-stuff crop

represent subsector which included in . phase showing process industrialization.

Pursuant to at research result by using approach LQ that Province of West Java have excellence in industrial sector processing, electrics sector, clean water and gas, and also the commercial sector, restaurant and hotel, result of this will be traced furthermore with approach IRIO. agricultural sector Medium (Agriculture, Ranch, Fishery And Forestry) only there are one just subsector having pre-eminent sector that is subsector food-stuff crop, in this case in the form of paddy crop, maize crop, cassava crop, crop palawija, fruits and vegetable. Pursuant to study from margin contribution assessment, hence in obtaining that for the agricultural sector still included in . Catagori non-industrialisasi, what its meaning that this subsector is unworked and exploited is and also managed effectively and efficient, its meaning that this subsector still be tilled traditionally, with labour which is not educated, using processing and method which still modestly, mount the labour depending still be high, poorness which still be high and bounce business not yet been aroused.

Result of research by using approach IRIO sector 10 biggest owning biggest value multiplier to economics in the national, that is: food industry, tobacco and beverage; industrial of goods and paper from printing, electrics, clean water and gas, building, air transport, textile industry, footwear and leather, industrial of cement, industrial of metal and goods, industrial of other industry and restaurant and hotel

Assess multiplier from Province of West Java consisted of by industrial sector of goods and paper from printing, industrial of food, tobacco and beverage, industrial cement, electrics, clean water and gas, restaurant and hotel, air transport, waterage, industrial of wooden goods and result of other forest, building and also the other industrial sector

Sector contribution of exist in Province of West Java to earnings regional and resident prosperity increase still be very low under 1%, meaning that development executed by Province of West Java not yet touched to society, there's only some subsector assigning value biggest among 30 sector, that is food industry, tobacco and beverage, industrial of goods and paper from printing mould, industrial of cement, industrial of elementary metal and steel and iron base non iron, electrics, clean water and gas and also waterage.

Contribution of agricultural sector in West Java still have the character of traditional, hence this the needing there is support, motivation and efforts from local government to develop this agricultural sector become pre-eminent sector, because seen from the aspect of shake hand and condition of society which still be agrarian is very support, although analysedly that this agricultural sector non pre-eminent sector in West Java Province. However that product of secunder or product of continuation from product of primary of agriculture is supporter from pre-eminent sector of West Java Province.

Pursuant to study and analyse from Bappeda of West Java of year 2000, 2001 and pursuant to at financial statement in the form of regency in number of year 2002 there are some potency and plan development of pre-eminent commodity. Perhaps omit now correlate with result of analysis conducted by Bappeda of about elementary activity of development of area of pursuant to town and or the regency which almost as big of area of town and regency of se of West Java focussed in agricultural sector.

Policy of Development of West Java relied on by attainment of vision and mission of West Java 2010, with priority of development of at 6 (six) of activity tama (development SDM, Industrial of Manufaktur, Service Industries, Agriculture, Business of Oceaninc and Tourism) and 14 indicator of efficacy of development translated in dimension of space matching with the energy support and energy of its accomodation.

Table Analysis IRIO

Sektor	TKD	TKB	PM	ITKD	ITKB	IPM
1	1.697946	1.174756	1.16757	1.174248	0.812425	0.02478
2	1.409459	1.084915	1.08296	0.974739	0.750294	0.02298
3	1.014417	1.250029	1.15459	0.701540	0.864481	0.02450
4	1.296767	1.529832	1.58459	0.896804	1.057985	0.03363
5	1.014991	1.147994	1.12922	0.701937	0.793918	0.02396
6	1.093012	1.254853	1.22076	0.755894	0.867818	0.02591
7	1.718762	1.045593	1.13109	1.188643	0.723100	0.02400
8	1.032141	1.302708	1.17706	0.713797	0.900913	0.02498
9	1.645431	1.472047	1.42280	1.137930	1.018023	0.03019
10	1.967638	1.751911	1.97601	1.360759	1.211568	0.04193
11	1.164822	1.474667	1.51089	0.805555	1.019834	0.03206
12	1.029955	1.614137	1.78561	0.712286	1.116288	0.03789
13	1.916343	1.987329	2.37326	1.325284	1.374376	0.05036
14	1.776996	1.532659	1.61985	1.228916	1.059940	0.03437
15	1.046959	1.697963	1.97574	0.724045	1.174259	0.04193
16	1.055178	1.539259	2.11815	0.729729	1.064504	0.04495
17	1.973764	1.409611	1.44408	1.366378	0.974844	0.03064
18	1.157608	1.544596	1.67938	0.800566	1.068195	0.03564
19	1.004930	1.565695	1.61095	0.694979	1.082787	0.03419
20	1.068749	1.650530	1.98086	0.739114	1.141456	0.04203
21	2.153437	1.592087	1.53093	1.489251	1.101038	0.03249
22	2.547519	1.373117	1.42476	1.761786	0.949606	0.03023
23	1.775426	1.625382	1.58424	1.227830	1.124064	0.03362
24	1.257299	1.555414	1.69110	0.869510	1.075677	0.03589
25	1.166166	1.622381	2.11299	0.806485	1.121989	0.04484
26	1.168655	1.625380	2.99718	0.808206	1.124063	0.06360
27	1.099031	1.332190	1.24619	0.760056	0.921302	0.02644
28	1.202010	1.242233	1.12704	0.831273	0.859091	0.02392
29	1.000000	1.000000	1.00000	0.691569	0.691569	0.02122
30	2.922183	1.380326	1.26448	2.020892	0.954591	0.02683

IV. CONCLUSIONS

Sector owning value of big multiplier to economics in national as according to pre-eminent sector of West Java Province, that is subsector of ranch and results nya; industrial subsector of food, beverage and tobacco; industrial subsector of wooden goods and result of other forest; industrial subsector of paper and goods from printing,

industrial subsector cement; industrial subsector of base of iron and elementary metal and steel non iron; industrial subsector of enamelware, other industrial subsector; electrics sector, clean water and gas; building sector; subsector of hotel and restaurant; subsector land transport, subsector of waterage and subsector air transport.

Pre-eminent And subsector sector of Province of West Java of pursuant to analysis of IRIO is industrial sector processing, sector of building and commercial sector, hotel and restaurant. If seen from subsector is industrial subsector of manufacture petroleum; subsector food, beverage and

tobacco; industrial subsector of paper and goods from printing; subsector of chemical fertilizer industry and goods from rubber and mineral of non metal; sector of building and subsector of hotel and restaurant. But compared to by a pre-eminent and subsector sector in the national, hence the pre-eminent and subsector sector of Province of West Java is subsector food, beverage and tobacco; industrial subsector of paper and goods from printing; subsector of chemical fertilizer industry and goods from rubber and mineral of non metal; sector of building and subsector of hotel and restaurant. Although agricultural sector of non pre-eminent sector however becoming impeller from pre-eminent sector, representing furthermore process from result of product of agriculture done by a production process again which can assign value to add big to area earnings.

Suggestion:

Agricultural sector of non pre-eminent sector of West Java Province, hence require to together study and take decision and also the policy instructing at pre-eminent sector development program. This matter show development planning integrity existence not yet and information in doing development priority. In space exploiting operation aspect, require to be formed by institute with special function and duty in space exploiting operation, problems faced in this time is institute existence not yet handling space exploiting operation, so that the space exploiting activity which tend to disagree with RTRWP difficult to be controlled. agriculture Comparability excellence in each area ditransformation become excellence compete (competitive advantage) through development of quality of human resource, technological, local economic organization and institute is which there have at society of each;every area (non replacing it with something that really new).

Because most existing sector is have the character of the non industrialization, hence need there is enableness aparatur, all extension agent, and the needing there is political motivation to increase what, becoming vision and mission of West Java Province. In the future, all farmer have to involve to enjoy added value of at subsistem of agriculture of upstream and go downstream through development of co-operation of agriculture which follow to manage subsistem of agriculture of upstream and go downstream through joint venture (joint venture) with entrepreneur of private sector or BUMN/BUMD which in this time have exsist of at the subsistem.

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